

In a transmission power control method of the present invention, a value of a received signal quality parameter of a received multicast signal is measured. A parameter signal, indicating the received signal quality parameter value, is transmitted from a plurality of mobile stations to a base station through a radio link. The parameter signals from the mobile stations are received at the base station through the radio link. A power control value of each of the mobile stations is determined based on the received signal quality parameter values of the received parameter signals. The transmission power of the multicast signal, sent to each of the mobile stations, is controlled based on the determined power control value.

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